

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Anders Andreasson et al. : Art Unit: # 5A
Serial No.: To be Assigned : Examiner: NS/AV
Filed: : Herewith :
FOR: : IMPROVEMENTS IN CATALYTIC :
REDUCTION OF NOx :
RE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231
Box PCT

SIR:

Prior to examination, please amend the above-identified application as follows.

IN THE CLAIMS:

Please amend the following claims:

1. (Amended) An improved SCR system for treating combustion
2 exhaust gas containing [NO] NO_x and particulates, comprising [in combination and
3 in or,] an oxidation catalyst effective to convert at least a portion of NO in said
4 NO_x to NO₂, thereby enhancing [and enhance] the NO₂ content of the exhaust gas,
5 a particulate trap, a source of reductant fluid, [injections] injection means for [such]
6 said reductant fluid located downstream of said particulate trap and an SCR
7 catalyst.

1. (Amended) An SCR system according to claim 1 [or 2], wherein
2 the oxidation catalyst is a platinum catalyst carried on a through-flow honeycomb
3 support.

1. (Amended) An SCR system according to [claims 1,2 or 3] claim
2 1, wherein the particulate filter is a wall-flow filter.